

Title (en)

CIRCULATION STRUCTURE FOR A TURBO COMPRESSOR

Title (de)

ZIRKULATIONSSTRUKTUR FÜR EINEN TURBOVERDICHTER

Title (fr)

STRUCTURE D'ÉCOULEMENT POUR TURBOCOMPRESSEUR

Publication

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Application

EP 09711862 A 20090219

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Abstract (en)

[origin: CA2716417A1] The invention relates to a circulation structure for a turbo compressor, in particular for a compressor of a gas turbine, comprising at least one annular chamber (26) that can be traversed in a circumferential direction, is concentric with a shaft of the turbo compressor in the region of the free blade ends of a blade ring (24) and radially borders a main flow channel (22). According to the invention, several chambers (27) that can be traversed in an axial direction are situated upstream of the or each annular chamber (26), when viewed from the main flow direction of the main flow channel (22).

IPC 8 full level

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CPC (source: EP US)

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